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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/992,231	11/06/2001	Jim Henderson	9601.00	5468

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EXAMINER	
SINGH, SATWANT K	

ART UNIT	PAPER NUMBER
2625	

DATE MAILED: 04/19/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.	Applicant(s)	
	09/992,231	HENDERSON ET AL.	
	Examiner	Art Unit	
	Satwant K. Singh	2625	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on *11 January 2006*.

2a)☒ This action is **FINAL**. 2b)☐ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) *11-14,16-18 and 21-30* is/are pending in the application.

4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) *11-14,16-18 and 21-30* is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☒ The drawing(s) filed on *11 January 2006* is/are: a)☒ accepted or b)☐ objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a)☒ All b)☐ Some * c)☐ None of:

1.☒ Certified copies of the priority documents have been received.

2.☐ Certified copies of the priority documents have been received in Application No. _____.

3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date _____.
4) ☐ Interview Summary (PTO-413) Paper No(s)/Mail Date. _____ .
5) ☐ Notice of Informal Patent Application (PTO-152)
6) ☐ Other: _____.

DETAILED ACTION

Response to Amendment

1. This office action is in response to the amendment filed on 11 January 2006.

Response to Arguments

2. Applicant's arguments with respect to claims 11, 12, 14, and 16 have been considered but are moot in view of the new ground(s) of rejection.

Claim Rejections - 35 USC § 102

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

> A person shall be entitled to a patent unless –
>
> (e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

4. Claims 11, 12, 14, and 23-28 are rejected under 35 U.S.C. 102(e) as being anticipated by Chang et al. (US 6,947,995).

5. Regarding Claim 11, Chang et al disclose a method of printing tickets at a self-service terminal (col. 1, lines 54-59, col. 3, lines 30-31) (user can walk up to an output device) (output device 106), the method comprising the steps of: wirelessly transmitting the identity of a self-service terminal from a portable communication device (information

apparatus 100) to a remote server (output controller 104) (output device may include output controller to help manage communication and negotiation processes with information apparatus) (col. 13, lines 26-34), the self-service terminal (output device 106) having a printer engine, the printer engine coupled to both a wireless receiver, and a fixed channel, the printer engine is operating to receive print data from both the wireless receiver and the fixed channel (output controller is wired or wirelessly connected to an output device) (col. 13, lines 65-67, col. 14, lines 1-4); requesting the remote server to print a ticket at the identified by the portable communication device (receiving from information apparatus device specific output data containing the digital document intended for output) (col. 16, lines 15-17); wirelessly transmitting ticket information to the wireless receiver (Fig. 2, wireless communication units) (col. 18, lines 53-67); and receiving ticket information at the printer engine form the wireless receiver (output final data) col. 16, lines 18-20).

6. Regarding Claim 12, Chang et al disclose a method of retro-fitting a self service terminal (output device 106), the method comprising the steps of: identifying a self-service terminal having a printer module (output device 106), the printer module coupled to a fixed channel of the self-service terminal (wired line connections); coupling a wireless receiver to the printer module (wireless interface); and providing the fixed channel and the wireless receiver alternative access to the printer module to retrofit the self-service terminal (interface 116 between information apparatus 100 and output device 108) (col. 9, lines 10-31).

7. Regarding Claim 14, Chang et al disclose a method of fulfilling an electronic media (col. 11, lines 18-34) purchase at a self-service terminal, the method comprising the steps of: wirelessly communicating with a server which has access to a pre-arranged transaction for the electronic media purchase (output controller 104); receiving by wireless communication from the server a request to dispense electronic media at the self-service terminal (output controller is wireless connected to an output device) (col. 13, lines 65-67, col. 4, lines 1-4), the self-service terminal further communicating over a secure network connection (network 108); preparing electronic media in response to the request (digital document intended for output) (col. 16, lines 15-17); and dispensing the electronic media to a user to fulfill the electronic media request (output final output data) (col. 16, lines 18-20).

8. Regarding Claim 23, Chang et al disclose a method, further comprising printing the ticket information at the self service terminal by the printing engine (output final output data) (col. 16, lines 18-20).

9. Regarding Claim 24, Chang et al disclose a method, further comprising: wirelessly transmitting confirmation of the printed ticket to the remote server (communication between host computer and output controller) (col. 15, lines 48-65).

10. Regarding Claim 25, Chang et al disclose a method, wherein the self-service terminal includes a coupler to determine whether data received from the wireless receiver or the fixed channel is directed to printer engine at any given time (Fig. 9) (col. 32, lines 45-54).

11. Regarding Claim 26, Chang et al disclose a method, further comprising: storing a plurality of templates, each template representing a predefined image to limit the amount of ticket information wirelessly transmitted (default values stored in a network node) (col. 10, lines 58-65).

12. Regarding Claim 27, Chang et al disclose a method further comprising: printing customized data received from the wireless receiver (output final output data) (col. 16, lines 18-20).

13. Regarding Claim 28, Chang et al disclose a method, wherein the electronic media includes a music item (device capable of playing or reading digital content in audio (col. 11, lines 15-34).

Claim Rejections - 35 USC § 103

14. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

15. Claims 13, 16- 18, 21, 22, 29 and 30 are rejected under 35 U.S.C. 103(a) as being unpatentable over Chang in view of Ramachandran et al. US 6,457,640).

16. Regarding Claim 13, Chang et al fail to teach a method, wherein the self-service terminal is an automated teller machine (ATM) and wherein the fixed channel couples the ATM to an ATM network, the method further comprising: printing financial information received from the ATM network by the printer module.

Ramachandran et al teach a method, wherein the self-service terminal is an automated teller machine (ATM) (ATM 10) and wherein the fixed channel couples the ATM to an ATM network, the method further comprising: printing financial information received from the ATM network by the printer module (printing system 64) (Fig. 1) (col. 6, lines 19-34).

Therefore, it would have been obvious to one of ordinary skill in the art at the time of the invention to have combined the teachings of Chang wit the teaching of Ramachandran to also allow a user to perform banking at the self-service terminal.

17. Regarding Claim 16, Chang et al teach a terminal comprising: a printer module comprising: a printer engine, a wireless receiver for receiving data from a remote source; and a couple coupling to the wireless receiver, the printer engine and the fixed channel, the coupler operating to print data from both the wireless receiver and the fixed channel to the printer engine for alternatively printing data received by both the wireless receiver and the fixed channel onto documents.

Chang et al fail to teach wherein the self-service terminal is an automated teller machine comprising: a fixed channel for communicating between modules disposed in the ATM, the fixed channel receiving financial information over a secure financial network.

Ramachandran et al teach an automated teller machine comprising: a fixed channel for communicating between modules disposed in the ATM, the fixed channel receiving financial information over a secure financial network (ATM 10) (Fig. 1) (col. 6, lines 19-34).

Therefore, it would have been obvious to one of ordinary skill in the art at the time of the invention to have combined the teachings of Chang wit the teaching of Ramachandran to also allow a user to perform banking at the self-service terminal.

18. Regarding Claim 17, Chang et al teach a terminal wherein the wireless receiver comprises a wireless transceiver including means for confirming printing to the remote source (Fig. 9F).

19. Regarding Claim 18, Chang et al teach a terminal wherein the print module includes a controller for controlling the print engine to print the received data onto a document (Fig. 1) (output controller 104) (col. 10, lines 39-42).

20. Regarding Claim 21, Chang et al teach a terminal wherein the controller includes means for storing a number of templates, each template representing a predefined image, to avoid having to receive an image each time a document is to be printed default values stored in a network node) (col. 10, lines 58-65).

21. Regarding Claim 22, Chang et al fail to teach a method, wherein the self-service terminal is an automated teller machine (ATM).

Ramachandran et al teach a method, wherein the self-service terminal is an automated teller machine (ATM) (ATM 10) (Fig. 1) (col. 6, lines 19-34).

Therefore, it would have been obvious to one of ordinary skill in the art at the time of the invention to have combined the teachings of Chang wit the teaching of Ramachandran to also allow a user to perform banking at the self-service terminal.

22. Regarding Claim 29, Chang et al fail to teach a method, wherein the dispensing step comprises writing the electronic media to a compact disk (CD).

Ramachandran et al teach a method, wherein the dispensing step comprises writing the electronic media to a compact disk (CD) (Fig. 2, CD 36) (col. 9, lines 5-22).

\ Therefore it would have been obvious of one of ordinary skill in the art at the time of the invention to have combined the teachings of Chang with the teaching of Ramachandran to allow a purchaser of the electronic media to be able to put in on a CD to use it at a later time.

23. Regarding Claim 30, Chang et al fail to teach an ATM wherein the coupler includes a certificate authentication component which verifies that the data received by the wireless receiver is authentic to avoid a fraudulent third party printing data via the wireless receiver.

Ramachandran et al teach an ATM wherein the coupler includes a certificate authentication component which verifies that the data received by the wireless receiver is authentic to avoid a fraudulent third party printing data via the wireless receiver (user enters PIN) (col. 7, lines 11-22).

Therefore, it would have been obvious to one of ordinary skill in the art at the time of the invention to have combined the teachings of Chang with the teaching of Ramachandran to prevent unauthorized printing.

Conclusion

24. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP

§ 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Contact Information

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Satwant K. Singh whose telephone number is (571) 272-7468. The examiner can normally be reached on Monday thru Friday 8am - 4:30pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kimberly A. Williams can be reached on (571) 272-7471. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Satwant K. Singh
Examiner
Art Unit 2625

sks

MARK WALLERSON
PRIMARY EXAMINER